Under the Paperwork

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet of

	of information unless it contains a valid OMB contains Complete if Known	OI NUMB
Application Number	10/073,276	
Filing Date	February 13, 2002	
First Named Inventor	Masato MURATA	
Group Art Unit	Unassigned	
Examiner Name	Unassigned	
Attorney Docket Number	82084-0005	

Initials*	Cite	FOREIGN PATENT DOCUMENTS Foreign Patent Document					
	No.1	Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant		
37		PA-02017/PCT JP 200132874 A	04-23-02	International Search Report	Figures Appear	T ⁶	
21		JP Unexamined Laid-open Utility	12-05-00	Hiroshi et al		Abstrac	
DZ		Model 6-68167 JP 01213858 A	09-22-94	Japan Victor Co., Ltd.		Abstrac	
n			08-28-89	Akai Electric Co., Ltd.		Abstrac	
B-		JP 63228455 A	09-22-88	Matsushita Electric Ind Co.,			
<i>V</i> -		JP 10138667 A	05-26-98	Ltd. Tooin KK		Abstrac	
				7.000		Abstrac	

Examiner		
Signature	Date	0.1
EXAMINER: Initial if reference considered, whether or not citation is in co	Considered	08/21/23
and not considered. Include copy of this feet whether or not citation is in co	nformance with MRED con	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents,

Applicant's unique citation designation number (optional) . See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Applicant's unique citation designation number (optional). See kinds codes of OST 10 Faterit Documents at www.uspin.gov of wir Er Sol. of Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.



PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE equired to respond to a collection of information unless it contains a valid OMB control number.

C mplete if Known

Substitute for form 1449A/PTO

Sheet

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Under the Paperwork Reduction Act of 1995, no person

(use as many sheets as necessary)

of 1

Application Number	10/073,276	
Filing Date	February 13, 2002	
First Named Inventor	Masato MURATA	
Group Art Unit	Unassigned	
Examiner Name	Unassigned	
Attorney Docket Number	82084-0005	

U.S. PATENT DOCUMENTS						
Examiner Cit No	644	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevar Passages or Relevant Figures Appear	
	No.1		MM-DD-YYYY			
		US-				
•		US-				
		US-				
		US-				
		US-				
_		US-				
		US-				
		US-				
		US-				
-		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				

FOREIGN PATENT DOCUMENTS						
Examiner Cite No.1	Foreign Patent Document			Pages, Columns,		
	Country Code ³ – Number ⁴ - Kind Code ⁵ (<i>if known</i>)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Relevant Passages or Relevant Figures Appear	T⁵	
	JP 2000-11573	01-14-00			Abstract	
				 		
	 			 		
				 		
		Cite No. 1 Country Code3 – Number4 - Kind Code5 (if known)	Cite No. 1 Country Code 3 – Number 4 - Kind Code 5 (if known) Publication Date MM-DD-YYYY	Cite No. 1 Country Code 3 – Number 4 - Kind Code 5 (if known) Publication Date MM-DD-YYYY Name of Patentee or Applicant of Cited Document	Cite No. 1 Country Code ³ – Number ⁴ - Kind Code ⁵ (if known) Publication Date MM-DD-YYYY No. 1 Name of Patentee or Applicant of Cited Document Page or Relevant Passages or Relevant Figures Appear	

	$\overline{}$				
Examiner Signature	Some	Re	Date Considered	821/1	0.3
		0			

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

¹ Applicant's unique citation designation number (optional) . ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.
³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.